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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 10

Complete if Known				
Application Number	10/549,445			
Filing Date	July 31, 2006			
First Named Inventor	Shawn DEFREES			
Group Art Unit	1623			
Examiner Name	Patrick T. Lewis			
Attorney Docket Number	705759			
Client Reference No.	NEO00262US/371			

U.S. PATENT DOCUMENTS						
U.S. Patent Document			cument		:	
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
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- 1	Examiner Signature	Date Considered	1
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Sheet 2 of 10

Complete if Known					
Application Number	10/549,445				
Filing Date	July 31, 2006				
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Examiner Name	Patrick T. Lewis				
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				U.S. PATENT DOCUMENTS		
		U.S. Patent Docui				
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
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	BP	5,977,307		Friden et al.	11-02-1999	
	BQ	6,015,555		Friden	01-18-2000	· · · · · · · · · · · · · · · · · · ·
	BR	6,030,815		DeFrees et al.	02-29-2000	
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Sheet 3 of 10

4.1	Complete if Known				
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First Named Inventor	Shawn DEFREES				
Group Art Unit	1623				
Examiner Name	Patrick T. Lewis				
Attorney Docket Number	705759				
Client Reference No.	NEO00262US/371				

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Foreign Patent Document							
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Translation *
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	CZ	EP	0585109	A2	Suntory Ltd.	03-02-1994	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	4	of	_

Complete if Known		
Application Number	10/549,445	
Filing Date	July 31, 2006	
First Named Inventor	Shawn DEFREES	
Group Art Unit	1623	
Examiner Name	Patrick T. Lewis	
Attorney Docket Number	705759	
Client Reference No.	NEO00262US/371	

			F	OREIGN	PATENT DOCUMENTS		
			Foreign Patent Document	T			
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Examiner Signature	Date Considered	Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 10

Complete if Known		
Application Number	10/549,445	
Filing Date	July 31, 2006	
First Named Inventor	Shawn DEFREES	
Group Art Unit	1623	
Examiner Name	Patrick T. Lewis	
Attorney Docket Number	705759	
Client Reference No.	NEO00262US/371	

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Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation *
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	FY	BORK et al., <i>Trends Genet.</i> , 12(10): 425-427 (1996)	
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	GA	BOUIZAR et al., Eur. J. Biochem., 155(1): 141-147 (1986)	
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Examiner Signature	Date Considered	

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Sheet 6 of 10

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Application Number	10/549,445	
Filing Date	July 31, 2006	
First Named Inventor	Shawn DEFREES	
Group Art Unit	1623	
Examiner Name	Patrick T. Lewis	
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		OTHER - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation *
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	GS	COPELAND, "Enzymes: A Practical Introduction to Structure, Mechanism and Data Analysis" 2nd ed., Wiley-VCH, New York, p. 146-150 (2000)	
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	HI	FRITZ et al., J. Biol. Chem., 281(13): 8613-8619 (2006)	
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Examiner Signature	Date Considered	
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Attorney Docket Number	705759	
Client Reference No.	NEO00262US/371	

		OTHER - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation *
	ΙA	HARRIS, J. Macromol. Science, Rev. Macromol. Chem. Phys., C25(3): 325-373 (1985)	
	IB	HASSAN et al., J. Biol. Chem., 275(49): 38197-38205 (2000)	
	IC	HAYES et al., J. Biol. Chem., 268(22): 16170-16178 (1993)	
	ID	HELLSTROM et al., Methods Mol. Biol., 166: 3-16 (2001)	
	ΙE	HERMANSON et al., Immobilized Affinity Ligand Techniques, Academic Press (1992)	
	IF	HERMANSON, Bioconjugate Techniques, Academic Press, San Diego (1996)	
	IG	HERMENTIN, et al., Glycobiology, 6(2): 217-230 (1996)	
	ΙΗ	HILLS et al., Am. Biotechnol. Lab., 20(11): 30 (2002)	
	11	HINK et al., Biotechnol. Prog., 7(1): 9-14 (1991)	
	IJ	HOLLISTER et al., Glycobiology, 11(1): 1-9 (2001)	
	IK	HOUNSELL et al., <i>Glycoconj J.</i> , 13(1): 19-26 (1996)	
	IL	ICHIKAWA et al., <i>J. Am. Chem.</i> Soc., 114(24): 9283–9298 (1992)	
	IM	IKONOMOU et al., In Vitro Cell. Dev. Biol. Anim., 37(9): 549-559 (2001)	
	IN	INLOW et al., <i>J. Tissue Cult. Methods</i> , 12(1): 13-16 (1989)	
	10	INOUE et al., Biotechnol. Annu. Rev., 1: 297-313 (1995)	
	IP	ITO et al., Pure Appl. Chem., 65(4): 753-762 (1993)	
	IQ	JACKSON et al., <i>Anal. Biochem.</i> , 165(1): 114-127 (1987)	
	IR	JARVIS et al., Curr. Opin. Biotechnol., 9(5): 528-533 (1998)	
	IS	JOPPICH et al., <i>Makromol. Chem.</i> , 180: 1381-1384 (1979)	
	IT	JOSHI et al., <i>J. Biol. Chem.</i> , 265(24): 14518-14525 (1990)	
	ΙU	JUNG et al., Biochim. Biophys. Acta, 761(2): 152-162 (1983)	
	IV	KAJIHARA et al., Carbohydrate Research, 315: 137-141 (1999)	
	IW	KALSNER et al., Glycoconj. J., 12(3): 360-370 (1995)	
	IX	KASINA et al., <i>Bioconjug. Chem.</i> , 9(1): 108-117 (1998)	
	IY	KATRE et al., <i>Proc. Natl. Acad. Sci. USA</i> , 84(6): 1487-1491 (1987)	
	IZ	KEPPLER et al., Glycobiology, 11(2): 11R-18R (2001)	
	JA	KITAMURA et al., <i>Biochem. Biophys. Res. Commun.</i> , 171(3): 1387-1394 (1990)	
	JB	KITAMURA et al., <i>Cancer Res.</i> , 51(16): 4310-4315 (1991)	
	JC	KODAMA et al., <i>Tetrahedron Lett.</i> , 34(40): 6419-6422 (1993)	
	JD	KOELLER et al., Nat. Biotechnol., 18(8): 835-841 (2000)	
	JE	KOELLER et al., <i>Nature</i> , 409(6817): 232-240 (2001)	
	JF		
	JG	KOIDE et al., <i>Biochem. Biophys. Res. Commun.</i> , 111(2): 659-667 (1983) KREITMAN, <i>Curr Pharm Biotechnol.</i> , 2(4): 313-325 (2001)	+
	JH	KUHN et al., <i>J. Biol. Chem.</i> , 270(49): 29493-29497 (1995)	
	JI	LAI et al, <i>J. Biol. Chem.</i> , 261(7): 3116-3121 (1986)	
	JJ	LAU et al., <i>J. Biotechnol.</i> , 75(2-3): 105-115 (1999)	
	JK	LEE et al., <i>Biochemistry</i> , 28(4): 1856-1861 (1989)	
	JL	LEE-HUANG et al., <i>Proc. Natl. Acad. Sci. USA</i> , 81(9): 2708-2712 (1984)	
	JM	LEUNG, J Immunol. 154(11): 5919-5926 (1995)	
	JN	LI et al., Trends Pharmacol. Sci., 23(5): 206-209 (2002)	
	JO	LI et al., <i>Med. Res. Rev.,</i> 22(3): 225-250 (2002)	

Examiner Signature	Date Considered	
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^{*} If the reference is not in English, then at least one of the following is provided: (a) an English translation in whole or in part or (b) a concise statement of relevance in the form of, for example, an English language counterpart, an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 8 of 10

Complete if Known			
Application Number	10/549,445		
Filing Date	July 31, 2006		
First Named Inventor	Shawn DEFREES		
Group Art Unit	1623		
Examiner Name	Patrick T. Lewis		
Attorney Docket Number	705759		
Client Reference No.	NEO00262US/371		

		OTHER - NON PATENT LITERATURE DOCUMENTS	7
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	JP	LICARI et al., <i>Biotechnol. Bioeng.</i> , 39(4): 432-441 (1992)	
	JQ	LICARI et al., <i>Biotechnol. Bioeng.</i> , 39(9): 932-944 (1992)	
	JR	LIU et al., <i>Chem. Eur. J.</i> , 2(11): 1359-1362 (1996)	
*	JS	LONG et al., Exp. Hematol., 34(6): 697-704 (2006)	
	JT	LORD et al., Clin. Cancer Res., 7(7): 2085-2090 (2001)	
-	JU	LOUGHEED et al., J. Biol. Chem., 274(53): 37717-37722 (1999)	
	JV	LUCKOW et al., Curr. Opin. Biotechnol., 4(5): 564-572 (1993)	
	JW	LUND et al., FASEB J., 9(1): 115-119 (1995)	
	JX	LUND et al., J. Immunol., 157(11): 4963-4969 (1996)	
	JY	MAHAL et al., Science, 276(5315): 1125-1128 (1997)	
	JZ	MARANGA et al., Biotechnol. Bioeng., 84(2): 245-253 (2003)	
	KA	MARAS et al., <i>J Biotechnol.</i> , 77(2-3): 255-263 (2000)	
	KB	MILLER, Curr. Opin. Genet. Dev., 3(1): 97-101 (1993)	
	KC	MIN et al., <i>Endocr. J.,</i> 43(5): 585-593 (1996)	
	KD	MISTRY et al., Lancet, 348(9041): 1555-1559 (1996)	
	KE	MORIMOTO et al., <i>Glycoconj. J.</i> , 13(6): 1013-1020 (1996)	
	KF	NCBI - Accession No. NCAA26095 (2 pgs.)	
	KG	NCBI - Accession No. NP_058697 (3 pgs.)	
	KH	NCBI - Accession No. NP_999299 (2 pgs.)	
	KI	NCBI Database hits for erythropoietin protein sequences (3 pgs.)	
		NGO et al., "The Protein Folding Problem and Tertiary Structure Prediction, Chapter 14:	
	KJ	Computational Complexity Protein Structure Prediction, and the Levinthal Paradox," pp.	-
	1/1/	433-440 and 492-495 (1994)	
	KK	NILSSON et al., <i>Methods Enzymol.</i> , 104: 56-69 (1984)	
	KL	O'CONNELL et al., <i>J. Biol. Chem.</i> , 267(35): 25010-25018 (1992)	
	KM KN	OETKE et al., <i>J. Biol. Chem.</i> , 277(8): 6688-6695 (2002)	
	KO	OLSON et al., <i>J. Biol. Chem.</i> , 274(42): 29889-29896 (1999) PALACPAC et al., <i>Proc. Natl. Acad. Sci. USA</i> , 96(8): 4692-4697 (1999)	
	KP	PARK et al., <i>J. Biol. Chem.</i> , 261(1): 205-210 (1986)	
	KQ	PAULSON et al., <i>J. Biol. Chem.</i> , 252(23): 8624-8628 (1977)	
	KR	PLUMMER et al., <i>J. Biol. Chem.</i> , 270(22): 13192-13196 (1995)	
		PNGase-F Amidase Sequence from F. Meningosepticum (Registry Numbers 128688-70-	
	KS	0)	
	KT	PNGase-F Amidase Sequence from F. Meningosepticum (Registry Numbers 128688-71-	
		DVATAK at al. Bas Commun. Cham. Bathal. Bharmanal. 20(1): 412-427 (4000)	
	KU	PYATAK et al., Res. Commun. Chem. Pathol. Pharmacol., 29(1): 113-127 (1980)	
	KV	RABOUILLE et al., <i>J Cell Sci.</i> , 112(Pt. 19): 3319-3330 (1999)	
	KW	REFF et al., Cancer Control, 9(2): 152-166 (2002)	
	KX	ROSENTHAL et al., <i>Methods Enzymol.</i> , 235: 253-285 (1994)	
	KY	SANDRERG et al., Methods Enzymol., 83: 458-514 (1982)	
	KZ	SANDBERG et al., Semin. Hematol., 38(2 Suppl. 4): 4-12 (2001)	

Examiner Signature	Date Considered	i .
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^{*} If the reference is not in English, then at least one of the following is provided: (a) an English translation in whole or in part or (b) a concise statement of relevance in the form of, for example, an English language counterpart, an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office.

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Sheet 9 of 10

Complete if Known			
Application Number	10/549,445		
Filing Date	July 31, 2006		
First Named Inventor	Shawn DEFREES		
Group Art Unit	1623		
Examiner Name	Patrick T. Lewis		
Attorney Docket Number	705759		
Client Reference No.	NEO00262US/371		

· · ·		OTHER - NON PATENT LITERATURE DOCUMENTS	1
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milais		and/or country where published.	
	LA	SANEYOSHI et al., <i>Biol. Reprod.</i> , 65(6): 1686-1690 (2001)	
	LB	SAXON et al., Science, 287(5460): 2007-2010 (2000)	
	LC	SCHLAEGER, Cytotechnology, 20(1-3): 57-70 (1996)	
	LD	SCHWIENTEK et al., <i>Gene</i> , 145(2): 299-303 (1994)	
	LE	SCHWIENTEK et al., J. Biol. Chem., 277(25): 22623-22638 (2002)	
	LF	SCOUTEN, Methods Enzymol., 135: 30-65 (1997)	
	LG	SHAH et al., <i>J. Pharm. Sci.,</i> 85(12): 1306-1311 (1996)	
	LH	SHAPIRO et al., <i>Blood</i> , 105(2): 518-525 (2005)	
	LI	SINGH et al., Chem. Commun., 1996(8): 993-994 (1996)	
	LJ	SINHA et al., Infect. Immun., 29(3): 914-925 (1980)	
	LK	SKOLNICK et al., Trends Biotechnol., 18(1): 34-39 (2000)	
	LL	SMITH et al., Nat. Biotechnol., 15(12): 1222-1223 (1997)	
	LM	SONG et al., J. Pharmacol. Exp. Ther., 301(2): 605-610 (2002	
	LN	SRINIVASACHAR et al., <i>Biochemistry</i> , 28(6): 2501-2509 (1989)	
	LO	STEPHENS et al., Eur. J. Biochem., 133(1): 155-162 (1983)	
	LP	STEPHENS et al., Eur. J. Biochem., 133(3): 481-489 (1983)	
	LQ	STEPHENS et al., Eur. J. Biochem., 135(3): 519-527 (1983)	
	LR	TAKANE et al., <i>J Pharmacol Exp Ther.</i> , 294(2): 746-752 (2000)	
	LS	TAKEDA et al., <i>Trends Biochem. Sci.</i> , 20(9): 367-371 (1995)	
	LT	TAKEUCHI et al., <i>J. Biol. Chem.</i> , 265(21): 12127-12130 (1990)	
	LU	TANIGUCHI et al., <i>Proteomics</i> , 1(2): 239-247 (2001)	
	LV	TANNER et al., <i>Biochim. Biophys. Acta</i> , 906(1): 81-99. (1987)	
	LW	TAYLOR et al., Protein Immobilization Fundamentals and Applications, Manual (1991)	
	LX	TEN HAGEN et al., <i>J. Biol. Chem.</i> , 274(39): 27867-27874 (1999)	
	LY	TENNO et al., <i>J. Biol. Chem.</i> , 277(49): 47088-47096 (2002)	
	LZ	THOTAKURA et al., Methods Enzymol., 138: 350-9 (1987)	
	MA	TSUBOI et al., <i>Arch. Biochem. Biophys.</i> , 374(1): 100-106 (2000)	
	MB	TUDDENHAM, <i>Nature</i> , 419(6902): 23-24 (2002)	
	MC	UDENFRIEND et al., Annu. Rev. Biochem., 64: 563-591 (1995)	
	MD	ULLOA-AGUIRRE et al., <i>Endocrine</i> , 11(3): 205-215 (1999)	
	ME	ULUDAG et al., <i>Biotechnol. Prog.</i> , 18(3): 604-611 (2002)	
	MF	URDAL et al, <i>J. Chromatogr.</i> , 296: 171-179 (1984)	
	MG	VAN BERKEL et al., <i>Biochem. J.</i> , 319(Pt. 1): 117-122 (1996)	
	MH	VAN REIS et al., <i>Biotechnol. Bioeng.</i> , 38(4): 413-422 (1991)	
	MI	VAN REIS et al., Biotechnol. Biotechnol., 38(4), 413-422 (1991) VERONESE et al., Appl. Biochem. Biotechnol., 11(2): 141-152 (1985)	
	1711	VOCADLO et al., "Glycosidase-Catalysed Oligosaccharide Synthesis" in Carbohydrate	
	MJ	Chemistry and Biology, Vol. 2, Chapter 29, pp. 723-844 (2000)	
	MK	VYAS et al., <i>Crit. Rev. Ther. Drug Carrier Syst.</i> , 18(1): 1-76 (2001)	
	ML	WANG et al., <i>Tetrahedron Lett.</i> , 37(12): 1975-1978 (1996)	
	MM	WANG et al., <i>Protein Eng.</i> , 11(12): 1277-1283 (1998)	

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Substitute for form 1449A/B/PTO	Application Number	10/549,445
INFORMATION DISCLOSURE	Filing Date	July 31, 2006
	First Named Inventor	Shawn DEFREES
STATEMENT BY APPLICANT	Group Art Unit	1623
(Use as many sheets as necessary)	Examiner Name	Patrick T. Lewis
***	Attorney Docket Number	705759

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